M&S TRAINING TOOLS

Training Our

Warfighters

for the 21st Century

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Our Strategy Sets
New Demands on Training

What we've been doing

Use of U.S. Forces 1990-1997

- 1993 Able Sentry
- 1992 Provide Hope
- 1993-6 Provide Promise
- 1995-6 Bosnia IFOR
- 1993-6 Deny Flight
- 1994 North Korea alert
- 1992 Hurricane Andrew
- 1994 Iraqi border feint
- 1992 LA Riots
- 1993 Rwanda famine
- 1991-6 Provide Comfort
- 1990-1 Desert Storm
- 1992 Typhoon Iniki
- 1991-3 GTMO/ Haiti refugees
- 1994 Restore Democracy
- 1996 Taiwan maneuvers
- 1993-6 Sharp Guard
- 1992-6 Sinai MNF
- Southern Watch
- 1991 Pinatubo NEO
- 1990 Just Cause
- 1991, 94 Haiti 2 NEOs
- 1992 Sierra Leone NEO
- 1990, 92, 96 Liberia 3 NEOs
- 1991, 94 Somalia 2 NEOs
- 1991-2 Sea Angel I/II
- 1992-4 Somalia famine

What we will do

- Shape the future world
- Respond to warfights
- Prepare with modernization

He who Learns Fastest - Wins

Our Strategy Requires Warfighters Trained for:

- **Full spectrum dominance and information superiority**

- **Flexible, adaptable behaviors**

- **Quick transition -- core warfighting to any mission**

- **Joint operations with new players (allies, NGOs, non-DoD agencies)**

- **Warfighting while doing peace ops**

- **Excellence at less costs**

Joint Simulation System (JSIMS)

Key Features

- **Distribute globally (using C4I)**
- **Reuse software (HLA, objects library)**
- **Substitute live/virtual players**
- **Support crisis planning and mission rehearsal**
- **Build in training assessment and feedback**

Embedded Training and Simulators

Key Features

- **Apply to future, emerging and existing systems**

- **Reuse simulation software (HLA, objects library)**

- **Move training from the school to job site**
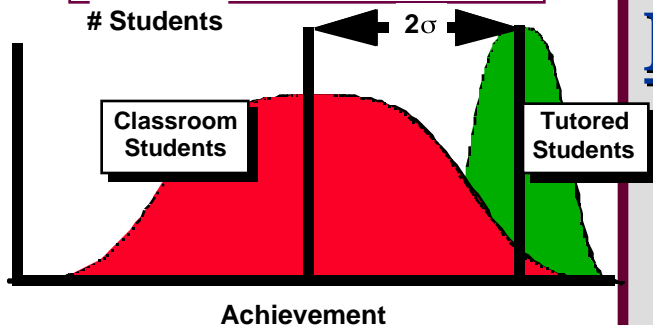
- **Build in training assessment and feedback**

Advanced Distributed Learning and Intelligent Tutor Technology

ICAI Has the Power of Tutor Learning

Students

Classroom Students

Tutored Students

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Achievement

Key Features

- **Reuse of training objects within an open architecture**

- **Provide access to users anywhere, just-in-time**

- **Build in training assessment and feedback**

- **Reach full potential of intelligent tutor-technology**

In Sum --

- **New M&S tools are just what our future warfighters need to train, but . . .**

- **We must rethink -- and reengineer -- how we train to realize their full potential**